



2637  
JW

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Lee-Fang Wei

CASE 49

Serial No. 09/826686 Group Art Unit 2637

Filed April 5, 2001

Examiner David B. Lugo

Title Upstream Data Transmission

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

SIR:

Enclosed is an amendment in the above-identified application.

NO ADDITIONAL FEE REQUIRED

In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit Deposit Account No. 12-2325 as required to correct the error.

Respectfully,



John F. McCabe, Attorney  
Reg. No. 42854  
908-582-6866

Date: Dec. 16, 2004

Docket Administrator (Room 3J-219)  
Lucent Technologies Inc.  
101 Crawfords Corner Road  
Holmdel, NJ 07733-3030

Date of Deposit December 16, 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated above.

Catherine F. Dugan  
Printed name of person mailing paper

Catherine F. Dugan  
Signature of person mailing paper



IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

**Patent Application**

**Inventors:** Lee-Fang Wei

**Case No.:** 49

**Serial No.:** 09/826,686

**Group Art Unit:** 2637

**Filing Date:** April 5, 2001

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**Title:** UPSTREAM DATA TRANSMISSION

**COMMISSIONER FOR PATENTS**  
**P.O. BOX 1450**  
**ALEXANDRIA, VA 22313-1450**

**Sir:**

**RESPONSE AND AMENDMENT UNDER 37 C.F.R. §§ 1.111, 1.112, 1.121**

This is a response to the Office Action mailed September 24, 2004.

Date of Deposit	<u>December 16, 2004</u>
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**a. Introductory Comments**

Claims 1 – 32 are pending.

The Office Action withdraws claims 20 – 32; rejects claims 1, 2, 7-13, and 19; and objects to claims 3- 6 and 14 – 18.

Herein, Applicant amends claims 1, 4, 8, 9, 11, and 15 – 17 and cancels claims 3 and 14.

Applicant requests reconsideration.